

### ● Power Consumption

100-120 V AC: 200 VA  
 220-240 V AC: 230 VA  
 24 V DC: 5.5 A

### ● Weight

Approx. 7.0 kg (AFV30S)  
 Approx. 8.0 kg (AFV30D)

### ● Mounting

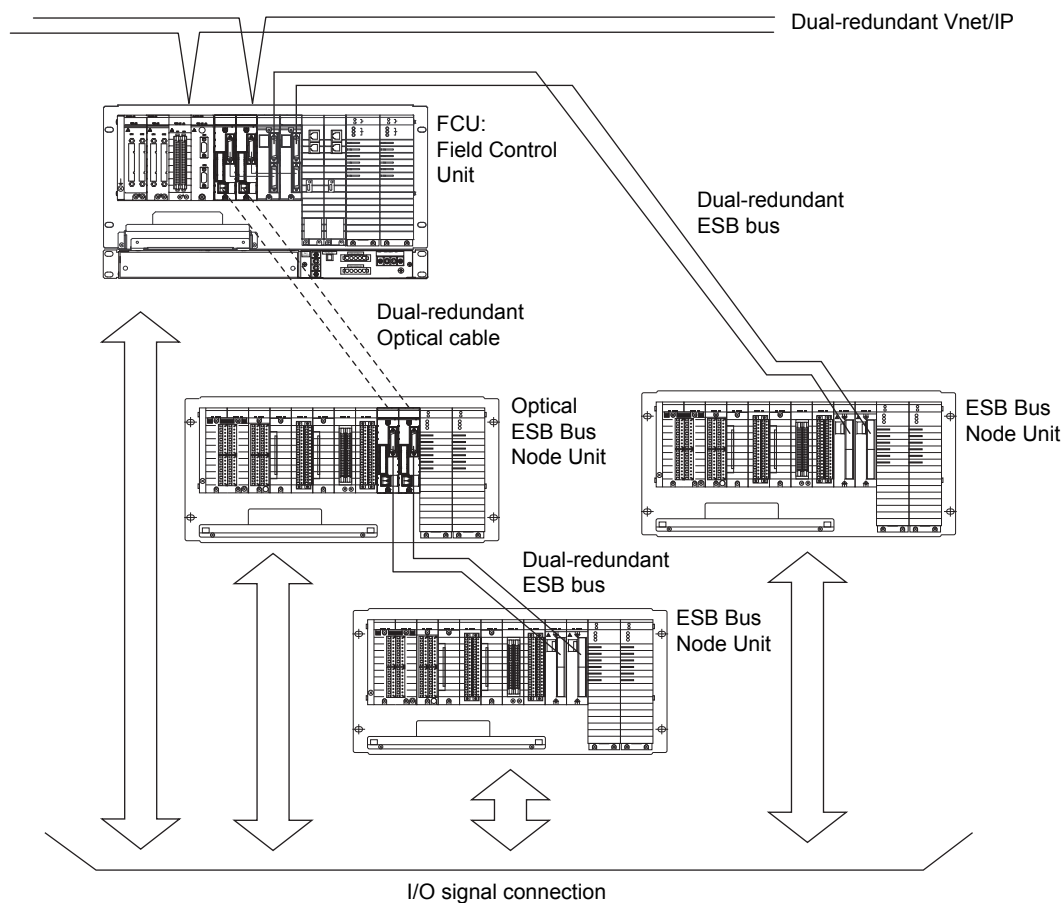
19-inch Rack Mounting: Rack mount (M5x8 screws), Insulation bush (accessory)

### ● Connection

Power Supply: M4 screw terminal connection  
 Grounding: M4 screw terminal connection  
 READY Contact Output: M4 screw terminal connection  
 Network: Connect UTP cable (CAT5e or better) to Layer 2 switch.

### ● System Configuration

This is a configuration example of an FCU and node units, and an ESB bus (including optical ESB bus) that connects them.



**Figure System Configuration**

## ■ LIMITATIONS OF INSTALLATION AND NOTICES FOR INSTALLATION

For installing I/O modules in AFV30S or AFV30D, the quantity and allocation are limited.

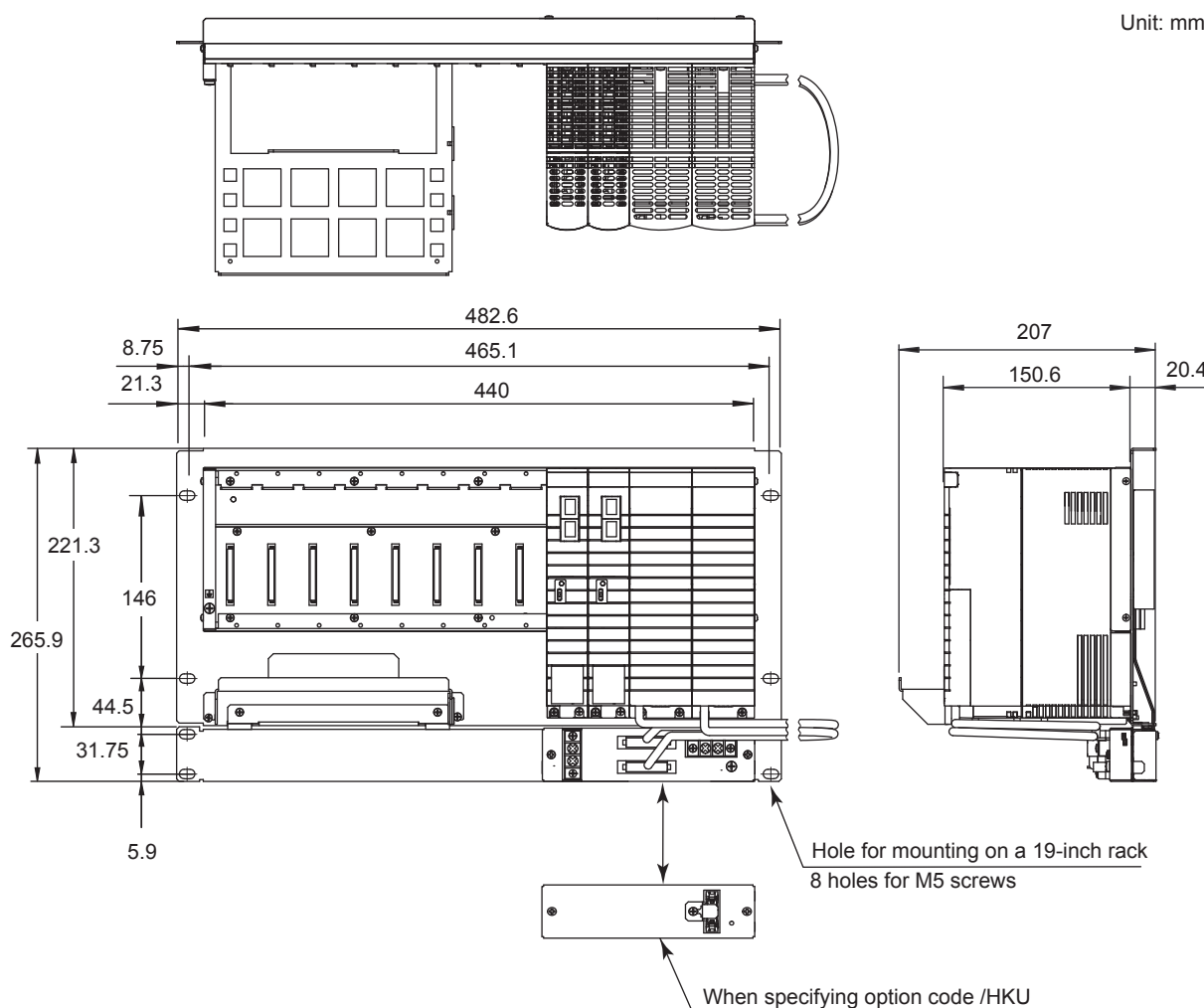
Also, when installing a node unit to the dedicated cabinet, there are limitations of installation under the ambient operating temperature conditions.

When modules with built-in barriers are installed in AFV30□, an insulating partition kit (Part No. T9083ND) must be installed.

For details, please refer to "FIO System Overview" (GS 33J60A10-01EN) and "Installation Guidance" (TI 33J01J10-01EN).

## ■ EXTERNAL DIMENSIONS

Unit: mm



F03.ai

### Nominal Tolerances :

Nominal tolerance is  $\pm 0.8$  mm for the dimensions of 0.5 mm or more and 120 mm or less, and the combined nominal tolerance is  $\pm 1.5$  mm.

The nominal tolerance is in accordance with JEM 1459 for the dimensions over 120 mm.

## ■ SOFTWARE REQUIREMENT

A software license is required for AFV30□ separately. For details, refer to the GS "VP6F1700 Control Function for Field Control Station (for AFV30□/ AFV40□)" (GS 33J15C10-01EN) and "VP6F3100 Project I/O License" (GS 33J15A10-01EN).

## ■ REQUIREMENTS FOR USING SEM (SEQUENCE OF EVENTS MANAGER)

For using SEM, the hardware requires some conditions.

For details, refer to the GS "SEM Sequence of Events Manager (for FIO)" (GS 33J30D10-01EN).

## ■ STANDARD ACCESSORIES

The FCU is delivered with the following standard accessories.

Parts Names	Parts Numbers	Quantity	Remarks
Insulating bush	S9049PM	8	Accessory